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SAND MOVEMENT, BEACHES AND KINDRED SUBJECTS

A BIBLIOGRAPHY

The Engineer School
Fort Humphreys, Va.
1930

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6004
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U47
Science
Stacks

SAND MOVEMENT & BEACHES.

Including References, on Bars, Bays, Coast Changes, Currents, Erosion, Estuaries, Shorelines, Tides, Waves and Wave Action.

With an Index

A Bibliography prepared under the direction of The CHIEF OF ENGINEERS, U. S. Army by Mr. H. E. HAFERKORN, Librarian Engineer School Library, Army War College March—November 1929.

The Engineer School
Fort Humphreys, Va.
1929

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Prefatory Note.

The Material for this Bibliography has been collected with very great care. Searches have been made in the Library of Congress and in other Libraries.

It was found necessary to include titles which were not available in local Libraries, of these however only short entries, with insufficient bibliographical details could be readily obtained.

The abbreviations L. C., or E. S., added at the end of some titles indicate that the publication will be found in the Library of Congress, or in the Engineer School Library, respectively.

The Initials A. S. C. E., are used for papers appearing in Transactions or Proceedings of the American Society of Civil Engineers.

Book sizes are given in centimeters, in accorance with Library rules.

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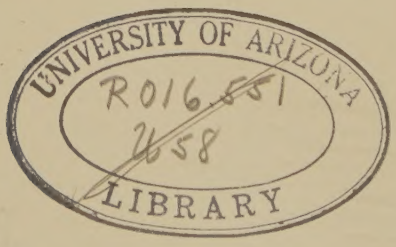

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ERRATA AND OMISSIONS

Prefatory Note, last line, should be: in accordance.

Page 1, 6th line, should be Feb.—Nov., 1929

5, title no. 45, insert after 1893—1896, Scientific results, ed. by F. Nansen, London.

14, " 139, last line, should read: v. 109, June 24, 1910.

21, " 207, 2d line, should read: Comité Afrique.

31, " 205, change number to 305.

32, " 213, change number to 313.

43, " 407, change author's name to: Tinkham.

55, " 516, 2d line, read: Vereinigten.

59, " 556, read: Royal soc. of Edinburgh.

94, " 909, author's name is: Lehmann.

103, " 1001, 2d line, read Maritim. meteorologie.

104, " 1003, 2d line, read: Wilhelmshaven.

105, " 1018, 2d line, read: Eng. News.

109, " 1050, 2d line, read: maritimes.

Index, read: Le chaudron lateral.

Index, omit no. 686.

ADD THE FOLLOWING, VIZ.:

532 Welsch, Jules

Modifications du littoral du centre-ouést de la France; érosion des falaises calcaires. La Nature, Paris, v.53, pt. 2, no. 2699, 26. Dec., 1925, p. 401-403, incl. illus. LC: Q2 N2

685 Dutton, Clarence Edward

Tertiary history of the Grand Cañon district, with atlas. Wash., 1882, xiv, 264 p., illus., 42 plates, partly folded and col., incl. maps, diagrs., and atlas of 23 sheets. (U. S. Geolog. survey. Monographs, v. 2) ES: 557.3 *U58, M:2

360—FORT HUMPHREYS, VA.—4-19-30—1,500

Sand Movements and Beaches

including also, References on Bars, Bays, Coast Changes, Currents, Erosion, Estuaries, Shorelines, Tides, and Waves.

A Bibliography prepared by Mr. H. E. Haferkorn, Librariain, Engineer School Library, Army War College, D.C. Feb. March, 1919.

1. GENERAL WORKS.

Abbreviations used:

ES: in Engineer School Library. LC: in Library of Congress.

The book sizes are given in Centimeters.

1. **The Americana**; a universal reference library. Fred. Converse Beach, editor-in-chief. N.Y., 1904-6; 1907-8. 16 vols. ES: 030.1 Am 512

   Articles: The ocean, or sea; Ocean currents, by Adolphus Lindenkohl.

2. **Beaumont, Élie de**

   Leçons de géologic pratique. Paris, 1845. 557 p.

3. **Berghaus, Heinrich**

   Die ersten elemente der erdbeschreibung. Berlin, 1830.

4. **Cordemoy, Camille de.**

   Exploitations des ports maritimes. Paris, 1909.

5. **Cordemoy, Camille de.**

   Ports maritimes. Paris, 1907-8. 2 vols.

   Contents, v. 1. Mer-vents-ondes-vagues-marées-courants-barres-et déltas-dragages-protection des côtes-Ports-fleuves et éstuaries, etc. v. 2. Procedés d' exécution-jetées, moles et digues et ouvrages extérieurs, etc.

6. **Cornaglia, Paolo**

   Sul regime delle spiagge e sulla regolazione dei porti; studi. Torino, 1891, v, 569 p. 9 folded plates (incl. plans). 25cm. ES:627.2 C 812.

7. **Cunningham, Brysson**

   A treatise on the principles and practice of harbour engineering. 3d ed., thoroughly rev., and greatly

enl., Lond., 1928. ES: 627.2 C973.
ed. 3 chap. iii. The tides. chap. xi. Entrance channels.

8. **Dana, James D.**
Manual of geology. 4th ed., N.Y., 1896.
ES: 550 D168, 3 ed4.

9. **Darcy, Henri Ph. G.**
Recherches hydrauliques enterprises. Par M. H. Darcy, continuées par M. H. Bazin. Paris, 1865. xxxii, 501, xviii, 152 p., incl. tables. 27cm., and Atlas (xxviii, v double plates) 33cm. ES: 627 + D214,R

10. **Davis, Wm. Morris**
Elementary physical geography. Bost., 1902. Illus., sections, maps, etc. 20cm. Chap. iii. The ocean, p. 96-128. chap. x. Shore lines, p. 304-331.
ES: 551-402 D299, E.

11. **Davis, Wm. Morris**
Physical geography. Boston, 1898 LC:

12. **Dawson, John William**
Acadian geology. The geological structure, organic remains, and mineral resources of Nova Scotia, New Brunswick and Prince Edward Island 3d ed. Lond., 1876. 694 pp., and supp. 102 pp.
ES: 557.16. D272, ed3.

13. **De la Beche, Sir Henry Thomas**
A geological manual. Philadelphia, 1832. viii, 535 p. illus., tables. 24cm. LC: QE26 D318

14. **De la Beche, Sir Henry Thomas**
A geological observer. 2d rev. ed. Lond. 1853. xxviii, 740 p. illus., incl. maps, diagr: 23cm.
LC: QE26 D33

15. **De la Beche, Sir Henry Thomas**
Researches in theoretical geology. N.Y., Philadelphia, 1837.xv, 17-342 p. map, diagrs.
U.S. Geol. survey.

16. **Engels, Hubert**
Handbuch des wasserbaues fuer das studium und die praxis. 2 vols. Leipzig, 1914.

17. **Franzius, Georg**
Der Wasserbau. Handbuch der ingenieur-wissenchaften. v. 1. Der Hafenbau. T.3. Leipzig, 1912.

18. **Geikie, Sir Archibald**
Text-book of geology. 4th rev., and enl. ed.

London, 1903. 2 vol. illus., 24cm. 1472 pp.
ES: 550 G275.

19. **Gilbert, Grove Karl**
Glaciers and glaciation., in v. 3, Harriman. Alaska expedition. Alaska. N.Y., 1901- 5 vols., illus., plates, maps, 26cm. LC: Q115 H2.

20. **Gilmore, John**
Storm warriors, or lifeboat work on the Goodwin Sands. Lond., 1874. 358 p.

21. **Girard, Jules**
La géographie littorale. Paris, 1895. 231 p.

22. **Grabau, Amadeus Wm.**
Principles of stratigraphy. N.Y., 1913. vi-xxxii, 1185 p. illus. 25cm. Bibliography at end of each chapter. LC: QE26 G8.

23. **Green, A. H.**
Physical geology. 2d ed., London, 1877 555 p.

24. **Gregory, Herbert Ernest**
Physical and commercial geography; a study of certain controlling conditions of commerce, by H. E. Gregory, Albert Keller and Avard Longley Bishop. Boston. 1910. viii, 469 p. illus., maps (2 folded) 24cm. LC: GB54 G8.

25. **Guiffart, A.**
Travaux maritimes. Encyclopédie scientifique. Paris, 1910.
Contents: Du role des ports et des ouvrages maritimes; Etudes des principaux phenomènes naturels qui réagissent sur l'exécution des travaux maritimes; Action de la mer sur les materiaux de construction et sur les procées de mise en oeuvre de ces matériaux, etc.

26. **Hobbs, Wm. H.**
Earth features and their meaning. N.Y., 1912. xxxix, 506 p. illus., maps.

27. **Joly, Georges de**
Travaux maritimes; La mer et les côtes. Cours professé à l'École nationale des ponts et chaussées. Paris, 1923 viii, 480 p. illus., maps (part folded) tables, diagrs. 23cm. ES: 627 J 687. M: 1

28. **Jukes-Browne, Alfred John**
Handbook of physical geology. London, 1892. 666 p.

29. **Kayser, Emanuel**
Lehrbuch der geologie.. 4. auflage. Stuttgart, 1912. Part 1. 881 p.

30. **Kruemmel, Otto**
Der ocean. Eine einfuehrung in die allgemeine meereskunde. 2. verb. aufl. Wien, 1902. viii, 285-p. illus. (incl. charts) diagrs. 20cm LC: GC15 K9.

31. **Lapparent, A. de**
Leçons de géographie physique. Paris, 1898. 718 p.

32. **Lapparent, A. de**
Traité de géologie phénomenés actuels. Paris, 1900. 591 p.

33. **Laroche, Felix**
Ports maritimes. 2 vols. Paris, 1893. Chap. v. Moyens d'obtenir et d'entretenir les profondeurs à l'entree des ports, p. 443, et seq.

34. **Le Conte, Joseph**
Elements of geology. 2d edition. N.Y., 1882.

35. **Le Conte, Joseph**
Elements of geology. 4th rev., and enl., ed., N.Y., 1899. p. 36-39. ES: 550. L466, E ed4.

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Elements of geology. 5th ed., rev., and enl. N.Y., 1887. chap. ii. Rivers. Erosion. ii. 2. Ocean. Waves and tides. ES: 550. L466, E.

37. **Lewin, Thomas**
The invasion of Britian by Julius Caesar. 2d ed. London, 1862. 131, 124 p.

38. **Lyell, Sir Charles**
Principles of geology. 11th rev. ed. N.Y. 1876. 2 vols. 24cm. ES: 550 L984, P 1876

39. **McIntosh, W. C.**
The resources of the sea, as shown in the scientific experiments to test the effects of trawling and of the closure of certain areas of Scottish shores, Lond., 1899.

40. **Marsh, George Perkins**
The earth as modified by human action; a last revision of "Man and nature". N.Y., 1898. xxiv, 629 p. 23cm. References, p. xiii-xxiv. LC: GF31 M33

41. **Martonne, E. de**
Traité de géographie physique. Paris, 1909. 910 p.

42. **Maury, Matthew Fontaine**
The physical geography of the sea. 6th ed. Lond., 1883. Chap. vii. Currents of the sea.
ES: 551.46 M459

43. **Meunier, Stanislas**
La géologie expérimentale. Paris, 1899. 311 p.

44. **Murray, John, Hjort, J., and others**
The depth of the ocean. London, 1912. 821 p.

45. **Nansen, Fridtjof, editor**
The Norwegian North Polar expedition 1893-N.Y., 1900-1906. 6 vols., illus., plates, charts, diagrs. 30 x 23cm. LC: Q115 N89.

v. iv. art. xiii. The bathymetrical features of the North Polar seas, with a discussion of the continental shelves and previous oscillations of the shoreline, by F. Nansen.

v. v, art. xv. On dead-water; being a description of the so-called phenomenon often hindering the headway and navigation of ships in Norwegian fjords, and elsewhere, and an experimental investigation of its causes, etc., by V. W. Ekman.

46. **Passarge, Siegfried**
Die Kalahari. Berlin, 1905. 822 p.

47. **Peschel, Oskar Ferd.**
Neue probleme der vergleichenden erdkunde als versuch einer morphologie der erd-oberflaeche. Leipzig, 1878. 215 p.

48. **Pianigiani, O.**
Dizionario etimologico della lingua Italiana. 1907. pt. 2, p. 1438

49. **Playfair, John**
Illustrations of the Huttonian theory of the earth. Edinburgh, 1802. 528 pp.

50. **Quinette de Rochemont, Emile Theodore**
Les ports maritimes de l'Amerique du Nord sur l'Atlantique. 3 vols. Paris, 1898.

51. **Reclus, Élisée**

The ocean, atmosphere, and life. N Y., 1873. 534 p. i. chap. vi. Waves. ii. Currents. iii. Tides. iv. Shores v. Dunes. ES: 551.46. R299.

52. **Richthofen, Ferd. P. W. von**

Fuehrer fuer forschungsreisende. Hannover, 1901. 734 p.

53. **Russell, John Scott**

The modern system of naval architecture. London, 1864-65. 3 vols. plates (part folded) tables, diagrs. (part folded) 70 x 52cm. LC: VM145 R96

54. **Salisbury, Rollin D.**

The physical geography of New Jersey. Final report of the state geologist, 1898, v. 4, p. 1-170.

55. **Sanford, J. J.**

Ports des États-Unis sur l'ocean atlantique, le golfe du Mexique, l'ocean Pacifique et les Grands Lacs. Internat. congress of navigation, 11th, St. Petersburg, 1908. 2d section. 3d question.

56. **Schulze, F. W. O.**

Der seehafenbau. Berlin, 1910. 2 vols. v. 1. Allgemeine anordnung der seehafen. v. 2. Ausbau and ausstattung der seehafen.

57. **Scott, W. B.**

An introduction to geology. N.Y., 1911. 816 p.

58. **Shaler, Nathaniel Southgate**

The geology of Cape Ann, Mass. U.S. Geol. survey, 9th annual report, 1887-1888. Wash., 1889, p. 52-9-611. Plates. ES: 557.3 + U58

59. **Shield, William**

Principles and practice of harbor construction. London, 1895. Partial contents: Wind, p. 1-22; Waves, p. 23-43; Tides, p. 44-62; Currents, p. 63-72. Fetch, Exposure, and wave-power, p. 73-88 ES:-627.2. S555.

60. **Smithsonian institution.**

Exploration of the Colorado River of the West and its tributaries. Explored in 1869 1870, 1871, and 1872, under dir. of Sec'y. of the Smithsonian institution. Wash., 1875. xi, 291 p., plates, folded map, folded

profile. 30cm. Prof. J. W. Powell, in charge.
ES: 917.885 + Sm664

61. **Stevenson, Thomas**
The design and construction of harbours. A treatise on maritime engineering. 3d ed. Edinburgh, 1886. 355 p. Chap. ii. Geological and other physical features. chap. iii. Generation of waves. chap. iv. Force of waves. chap. v. Conditions which affect the force of waves. ES: 627. 2S847

62. **Suess, Eduard**
Das antlitz der erde. Prag, 1885-1909. 3 vols., in 4. illus., plates, maps, diagrs. 28cm. LC: CB53 S88

63. **Suess, Eduard**
La face de la terre (Das antlitz der erde). Traduit de l'allemand. Paris, 1897-1918. 3 vols., illus., plates, maps. 25cm. ES: 551.4 Su944

64. **Suess, Eduard**
The face of the earth. Trans. by Hertha B. C. Sollas. Oxford, 1904-24. 5 vols., illus., maps, (part folded) 25cm. LC: GB53 S9

65. **Thoulet, Julien**
L'Océan, ses lois et ses problèmes. Paris, 1904. 397 p.

66. **Thoulet, Julien**
L'océanographie. Paris, 1922. ix, 287 p. diagrs. 19cm. LC: GC15 T55

67. **United States Exploring Expedition, 1838-42**
United States exploring expedition. During the years 1838-1842. Under command of Charles Wilkes, U.S.N. Philadelphia, 1844-74., 18 vols., bound in 19, illus., plates, ports., maps, plans, tables, diagrs. 33 x 24cm., and Atlas of 11 vols., 56 x 37cm.
v. 10: Geology, by James D. Dana, 1 vol., and atlas of 29 plates. 29cm. LC: Q115 W6

68. **Vernon-Harcourt, Leveson Francis.**
Harbours and docks; their physical features, history, construction, equipment . . . Oxford, 1885. 2 vols.

69. **Wheeler, Wm. Henry**
Practical manual of tides and waves. Lond., N.Y., 1906. viii, 201 p. incl. illus., tables, diagrs. Folded map. 25cm. ES: 525.6. W564

70. **Wheeler, Wm. Henry**
The sea-coast: 1. Destruction. 2. Littoral drift. 3. Protection. Lond., 1902. xii, 361 p. illus., maps, diagrs. 25cm ES: 627.8 W564

71. **Wheeler, Wm. Henry**
Tidal rivers; their hydraulics, improvement, navigation. Lond., 1893.

2. Sand Movement.

72. **Anderson, G. E.**
Experiments on the rate of wear of sand grains. Journal of geology, v. 34, no. 2, February-March, 1926, p. 144-158, incl. tables. LC: QE1 J8

73. **Ayrton, H.**
The origin and growth of ripple mark. (Royal soc., Lond., Proc., ser. A, v. 84, 1910, p. 285-310)

74. **Barrell, Joseph**
Relative geological importance of continental littoral, and marine sedimentation. (Journal of geology, v. 14, 1906, p. 316-356, 430-457.)

75. **Barton, Edward C.**
The work of colloids in sandbank and delta formation. Geog. journal, v. 51, no. 2, Feb., 1918, p. 100-112, incl. sections. U.S. Geo. S.

76. **Baudouin, M.**
L'Action des raz de marée sur les falaises dunaires en Vendée. La Nature, Paris, v. 53, pt. 1, March 7, 1925, p. 158-160, incl. illus.

77. **Baudouin, M.**
La tempête du 26 février 1925 et ses effets sur la falaise dunaire de Saint-Gilles-sur-Vié. La Nature, Paris, v. 53, pt. 1 April 25, 1925, p. 271-272, incl. illus..

78. **Baudouin, M.**
Un bel exemple de marmites des géants sur les bords de l'océan. La Nature, Paris, v. 54, pt. 2, Nov. 20, 1926, p. 329-331, incl. illus. (Pot holes).

79. **Beaurain, G.**
Quelque faits relatifs à la formation du littoral des landes de Gascogne. Revue de géographie, v. 28, 1891, p. 254-265

80. **Bertololy, Ernst**

Krauselungsmarken und duenen. Muenchen, 1900. iii, 189 p. diagrs. 24cm. LC: G58 M94

81. **Bovet, Pedro A.**

El problema de los medanos en el país (con especial referncia á los del sud de Córdoba y San Luis). Buenos Aires, 1910. 52 p. plates (1 col.) 23cm. LC: S623 B6

82. **Brandsma, W.**

Guiding of tidal currents at the mouth of rivers, and the prevention of the sanding-up of channels. Inst. of Civil Engrs., Lond., Proc., v. 177, 1909, p. 331-332.

From De Ingenieur, The Hague, 1908, v. 23, p. 665-676.

83. **Branner, John Caspar**

Editorial note, [On ripple marks] Journal of geol., v. 9, no. 6, 1901, p. 535-536

84. **Braun, Gustav**

Einige ergebnisse entwickelungs-gechicht licher studien an europaeischen flachlands-kuesten und ihren Duenen. (Zeitschrift der Gesellschaft fuer erdkunde, Berlin, 1911, p. 543-560)

85. **Braun, Gustav**

Entwickelungs-geschichtliche studien an europaeischen flachlands-kuesten und ihren duenen. Berlin, 1911. viii, 174 p. illus., ix plates. 27cm. With bibliographies LC: GB451 B7

86. **Braun, Gustav**

Entwickelungsgeschichtliche studien an europaeischen flachlandskuesten und ihren duenen. (Institut fuer meereskunde. Veroeffendlichungen, v. 15, 1911, p. 1-174)

87. **Bremontier, N. T.**

Mémoire sur les dunes, et particulièrement sur celles qui se trouvent entre Bayonne et la pointe de Grave à l'embouchure de la Gironde, No. 79. Annales des ponts et chaussées. Mémoires et documens, 1st ser., 1833, p. 145-224, incl. table. ES: 624.05 A613

88. **Brennan, George A.**

The wonders of the dunes. Indianapolis, 1923. 326 p. plates, port. 21cm. Maps on lining papers. LC: F547 M56B83

89. **Briquet, A.**

Les dunes littorales. Annales de géographie, Paris, 32d year, no. 179, 15 Sept. 1923, p. 385-394.

90. **Brown, A. P.**

The formation of ripple-marks, tracks and trails. Academy of natural sciences of Philadelphia, Proc., v. 63, 1911, p. 536-547.

91. **Bryson, John**

The so-called sand-dunes of East Hampton, L. I. Am. geologist, v. 8, 1891, p. 188-190.

92. **Bucher, Walter H.**

Large current ripples as indicators of paleogeography. (National academy of science Proc., v. 3, 1917, p. 285-291)

93. **Candolle, C. de**

Rides formées à la surface du sable déposé au fond de l'eau et autres phénomenés. Archives des sciences physiques et naturelles, Analogues. 3d ser., v. 9, 1883, p. 241-278.

94. **Carey, Alfred Edward**

Influence of sand-travel on design of coast-works. Inst. Civil Engrs., Lond., Proc., v. 190, p. 177-181, illus.

Deals with littoral drift.

95. **Carey, Alfred Edward**

The sanding-up of tidal harbours. Paper 459. Inst. of Civil Engrs., Lond., Proc., v. 156, 1904, p. 215-231, incl. sections, diagr., 1 folded plate; discussion, p. 232-302, incl. maps, sections, diagrs.

96. **Carus-Wilson, Cecil**

Drifting sand. Knowledge, London, v. 12, new ser. 4, March 1, 1889, p. 105-107, incl. diagrs.

LC: Q1 K7

97. **Carus-Wilson, Cecil**

Sand-dunes. Knowledge, London, v. 3, March 23, 1883, p. 179. LC: Q1 K7

98. **Case, Gerald O.**

Coast sand dunes, sand spits and sand wastes. Lond., 1914. 162 p. illus., folded maps, diagrs. 19cm. ES: 627.524.2 C337

99. **Chatley, H.**

Silt. Inst. Civil Engrs., Lond., Proc., v. 212, p. 1920-1921, pt. II, p. 400-414, 5 cuts.

100. **Chile.**

Ministerio de industria y obras públicas. Sección de aguas y bosques. Las dunas de Cartajena i San Antonio, por Ernesto Maldonado. Santiago de Chile, 1907. 18 p. illus., 24cm. LC: GB638.34 A4

101. **Cobb, Collier**

The forms of sand dunes as influenced by neighboring forests. (Elisha Mitchell scientific soc., Journal, v. 20, 1904, p. 14)

102. **Cobb, Collier**

Notes on the geology of Corrituck banks. (Elisha Mitchell scientific soc., Journal, v. 22, 1906, p. 17-19)

103. **Cobb, Collier**

Where the wind does the work. (National geog. magazine, v. 17, 1906, p. 310.317)

104. **Collet, L. W.**

Le charriage des alluvions dans certains cours d'eau de la Suisse. Berne, 1916. Contains also: W. Stumpf: Methode der Deltavermessungen der Abteilung for Wasserwirtschaft (Methode de l'Administration des Eaux pour l'étude et la formation des deltas).

105. **Collins, Percy**

Sand devastation; how the dunes advance and how their movement is checked. Scientific Am. Suppl., v. 33, no. 2156, April 28, 1917, p. 280-282, incl. illus.

106. **Cornish, Vaughan**

Formation des dunes de sable. Traduit par Emile Cammaerts. Bruxelles, 1900. 37 p. illus., diagrs. 26cm. LC: GB631 C6

107. **Cornish, Vaughan**

The formation of wave surfaces in sand. Nature, Lond., v. 63, April 2, 1901, p. 623-625, incl. illus. Abridged from a paper in Scottish geographical magazine, v. 17, Jan., 1901, p. 1-11. LC: Q1 N2

108. **Cornish, Vaughan**

Limits of form and magnitude in desert dunes. Nature, London, v. 121, April 21, 1928, p. 620-622, incl. illus.

109. **Cornish, Vaughan**

On sand-waves in tidal currents. Geogr. Jour., v. 18, 1901, p. 170-200.

110. **Cornish, Vaughan**
On the formation of sand-dunes. With discussion. Geog. journal, Lond., v. 9, 1897, p. 278-309, incl. illus., maps, diagrs., sections

111. **Cornish, Vaughan**
On tidal sand ripples above low-water mark. (British association for advancement of science. Report, 1900, p. 733-734)

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Sand waves in tidal currents. Nature, London, v. 64, Aug. 22, 1901, p. 412-415, incl. illus., diagrs. Abstract of paper in Geographical Journal, v. 18, Aug., 1901. p. 170-202. LC: Q1 N2

113. **Cornish, Vaughan**
Waves in granular material formed and propelled by winds and currents. Royal astron. society. Geophys. supplement, Monthly notes, v. 1, 1927, p. 447-467. LC:

114. **Cornish, Vaughan**
Waves of sand and snow and the eddies which make them. Lond, 1914. 383 p. illus. maps, diagrs. References, p. 383. U.S. Geog. S.

115. **Cressey, George Babcock**
The Indiana sand dunes and shore lines of the Lake Michigan basin. Chicago, 1928. xii, 80 p. xx plates (incl. folded map in pocket) diagrs. 25cm. (Geographic society of Chicago. Bull. no. 8) Bibliography, p. 74-77. LC: GB635. I6, C7

116. **Cushing, H. P.**
Geology of the vicinity of Little Falls New York State museum, Bull. v. 77, 1905, p. 1-95.

117. **Czerny von Schwarzenberg, Franz**
Die wirkungen der winde auf die gestaltung der erde. Gotha, 1876. iv, 53 p. folded 28cm.
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118. **Darwin, Sir George Howard**
On the formation of ripple mark in sand. (Royal soc. of London, Proc., v. 36, 1883, p. 18-43)

119. **Deacon, G. F.**
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ES: 627.52 am512, P.

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On reclaiming land from seas and estuaries. Paper 1066. Inst. of Civil Engrs., Lond., Proc., v. 21, 1862, p. 466-477, 1 folded plate. Discussion, p. 478-492.

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The salt marsh formations of Lynn. Essex Institute, Salem,Mass., Proc., v. 2, 1862, p. 117-119.

363. **Muralt, R. R. L. de, and Swartbol, C.**

Zeeweringen van gewapend beton. De Ingenieur, The Hague, Dec. 2, 1911, p. 1035-1058, incl. illus.

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Eng. Record, v. 71, no. 18, May 1, 1915, p. 547-548, incl. sections.

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368. **Oldham, James**

On reclaiming land from seas and estuaries. Paper 1055. Inst. of Civil Engrs., Lond., Proc., v. 21, 1862, p. 454-465. 1 folded plate. See also Muller, John Henry; Paton, John.

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Observations on the motions of shingle beaches. Franklin Institute, Journal, 2d ser., v. 17, p. 135 bis-138 bis, incl. diagr.

373. **Palmer, R. H.**

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374. **Paton, John**

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Encroachment of the sea on the south side of Long Island. (Coast and geod. survey. Report 1850, append. 8, p. 80-81)

379. **Pickwell, Robert**

The encroachment of the sea from Spurn Point to Flamboro' Head, and the works executed to prevent the loss of land. Paper 1515. Inst. of Civil Engrs., Lond., v. 51, 1878, p. 191-212, incl. sections, 1 folded plate.

380. **Prestwich, Sir Joseph**

On the origin of the Chesil Bank, and on the Relation of the existing beaches to past geological changes independent of the present coast action. Paper 1403. Institution of Civil Engrs., Proc., v. 40, 1875, p. 61-114, incl. section, Folded plate ii; discussion.

381. **Prestwich, Sir Joseph**

On the origin of the Chesil Bank, and on the relation of the existing beaches to past geological changes independent of the present coast action. With

an abstract of the discussion upon the paper, ed. by J. Forrest. Lond., 1875. 57 p. illus., folded plan. 21cm. LC: GB457.21 P9

382. **Protecting a beach highway from the sea.**

Eng. Record, v. 74, no. 7, Aug. 12, 1916, p. 208, incl. illus., section.

Sheet piling along dike carrying roadway near San Diego, Cal., will ultimately support toe of concrete paving.

383. **Ramsay, Wilhelm.**

Till frågan om det senglaciala hafvets utbredning i södra Finland, af W. Ramsay, med en karta, jemte bihang 1, Marina gräner i östra Finland, af V. Hackman; och bihang 2, Några jakttagelser rörande Yoldiahafvets högsta strandlimier, af J. J. Sederholm; résumé; La transgression de l'ancienne mer glaciaire (La mer de Yoldia) sur la Finlande méridionale. Helsingfors, 1896. 44 p., folded map. 25cm. U.S. Geol. survey

384. **Raymond, Robt. Rossiter**

A channel and beach-maintenance problem. Eng. News, v. 70, no. 4, July 24, 1913, p. 150-154, incl. map.

Abesecon Inlet on north shore of Atlantic City, N. J., and problem of maintaining a navigable channel across the bar at the entrance.

385. **Recent gale damages at Colwyn Bay.**

The Engineer, London, v. 144, Aug. 12, 1927, p. 172, incl. illus., sections.

386. **Redman, John Baldry**

The East Coast between the Thames and the Wash estuaries. Paper 1103. Inst. of Civil Engrs., Proc., v. 23, 1861, p. 186-256, incl. illus., 2 folded plates; discussion.

387. **Refuse used to restrain drifting sand.**

Eng. News-Rec., v. 92, no. 18, May 1, 1924, p. 767.

388. **Rendel, James Meadows**

On the alluvial formations, and the local changes, of the south coast of England. With discussion. Paper 784. Inst. of Civil Engrs., Lond., Proc., v. 11, 1852, p. 162-223, incl. sections.

389. **Ripley, Henry Clay**

Beach erosion; its causes and cure. With discussion. Paper 1541. A.S.C.E., Trans., v. 87, 1924, p. 589-610, incl. plan, sections. Also in: A.S.C.E., Proc., v. 50, 1924, p. 13-18; discussion, p. 529-542, 657-659, incl. plan, sections.

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